Species (ii): **a second member** of the specific bind pair selected from protein, nucleic acid, carbohydrate, lipid, RNA, DNA, antibody, antigen, epitope, lectin, receptor, ligand, avidin, streptavidin, biotin, heparin or protamine, and

Species (iii): **radioactive moiety** selected from "yttrium-90, iodine-125, iodine-132…"

In addition, the Examiner has requested an election of species under the instant claims of the elected Group II (claims 14-20) as follows:

II(a). A kit comprising (a) an intravascular medical device having a surface and a first member of a specific binding pair immobilized to the surface and (b) a perfusion catheter configured for delivery of radioactive moiety and/or a neutron-capture moiety to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to a second member of the specific binding pair, wherein the second member of the specific binding pair being capable of binding to the first member (described in claims 14, 16, 19, 21-32 and 34).

II(b). A kit comprising (a) an intravascular medical device having a surface and a first member of a specific binding pair immobilized to the surface and (b) a perfusion catheter configured for delivery of radioactive moiety and/or a neutron-capture moiety to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to a second member of the specific binding pair, wherein the second member of the specific binding pair being capable of binding to the first member, and (c) an agent for selectively disrupting the specific binding pair (described in claim 20).

$II(c)_1$. A kit comprising (a) an intravascular medical device having a surface and more than one species of first members of a specific binding pair immobilized to the surface and (b) a perfusion catheter configured for delivery of more than one species of radioactive moieties and/or a neutron-capture moieties to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to more

than one species of second members of the specific binding pair, wherein the second members of the specific binding pair being capable of binding to the first members (described in claim 34).

Furthermore, The Examiner has requested an election a single disclosed species as from the elected Group II as follows:

II($c)_2$. A kit comprising (a) an intravascular medical device having a surface and a first member of a specific binding pair immobilized to the surface and (b) a perfusion catheter configured for delivery of radioactive moiety and/or a neutron-capture moiety to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to a second member of the specific binding pair, wherein the second member of the specific binding pair being capable of binding to the first member, and wherein the first member or the second member is bound to the surface via chemical functional group (described in claim 26), for example carboxylate group.

II(d). A kit comprising (a) an intravascular medical device having a surface and a first member of a specific binding pair immobilized to the surface and (b) a perfusion catheter configured for delivery of radioactive moiety and/or a neutron-capture moiety to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to a second member of the specific binding pair, wherein the second member of the specific binding pair being capable of binding to the first member, and wherein the first member or the second member is bound to the surface via linker moiety, for example protein (described in claim 25).

Furthermore, The Examiner has requested an election a single disclosed species as from the elected Group II as follows:

II(e) A kit comprising (a) an intravascular medical device having a surface and a first member of a specific binding pair immobilized to the surface and (b) a perfusion catheter configured for delivery of radioactive moiety and/or a neutron-capture

moiety to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to a second member of the specific binding pair, wherein the second member of the specific binding pair being capable of binding to the first member, wherein the first member or the second member is bound to the surface via chemical functional group and wherein the second member is connected to a radioactive moiety via a molecular linker (described in claim 30).

II(f). A kit comprising (a) an intravascular medical device having a surface and a first member of a specific binding pair immobilized to the surface and (b) a perfusion catheter configured for delivery of radioactive moiety and/or a neutron-capture moiety to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to a second member of the specific binding pair, wherein the second member of the specific binding pair being capable of binding to the first member, wherein the first member or the second member is bound to the surface via chemical functional group and wherein the second member is connected to a radioactive moiety via a chelating group (described in claim 31).

Furthermore, The Examiner has requested an election a single disclosed species as from the elected Group II as follows:

II(g) A kit comprising (a) an intravascular medical device having a surface and a first member of a specific binding pair immobilized to the surface and (b) a perfusion catheter configured for delivery of radioactive moiety and/or a neutron-capture moiety to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to a second member of the specific binding pair, wherein the second member of the specific binding pair being capable of binding to the first member, wherein the first member is immobilized to a coating covering of the surface (described in claim 21).

II(h) A kit comprising (a) an intravascular medical device having a surface and a first member of a specific binding pair immobilized to the surface and (b) a perfusion

catheter configured for delivery of radioactive moiety and/or a neutron-capture moiety to the intravascular medical device after implantation at an implantation site, wherein the radioactive moiety or the neutron-capture moiety each being bound to a second member of the specific binding pair, wherein the second member of the specific binding pair being capable of binding to the first member, wherein the first member is immobilized to an expandable film lining of the surface (described in claim 22).

The Applicant hereby elects, without traverse, biotin (first member) for species (i) and streptavidin (second member) for species (ii), which are readable over claims 14, 16, and 19-34. For species (iii), the Applicant hereby elects, without traverse, iodine-125, which is readable over claim 16. In addition, applicant hereby elects, without traverse, subspecies II(a), which is readable over claims 14, 16, 19, 21-32, and 34; subspecies II(d), which is readable over claim 25; subspecies II(e), which is readable over claim 30; and subspecies II(g), which is readable over claim 21.

Please note that the Office Action inadvertently labeled two of the subspecies II(c). In the interest of promoting clarity, the first subspecies labeled II(c) is labeled herein as $II(c)_1$ and the second subspecies labeled II(c) is labeled herein as $II(c)_2$.

Dated this 11th day of October, 2010.

Respectfully submitted,

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